

FIG. 1

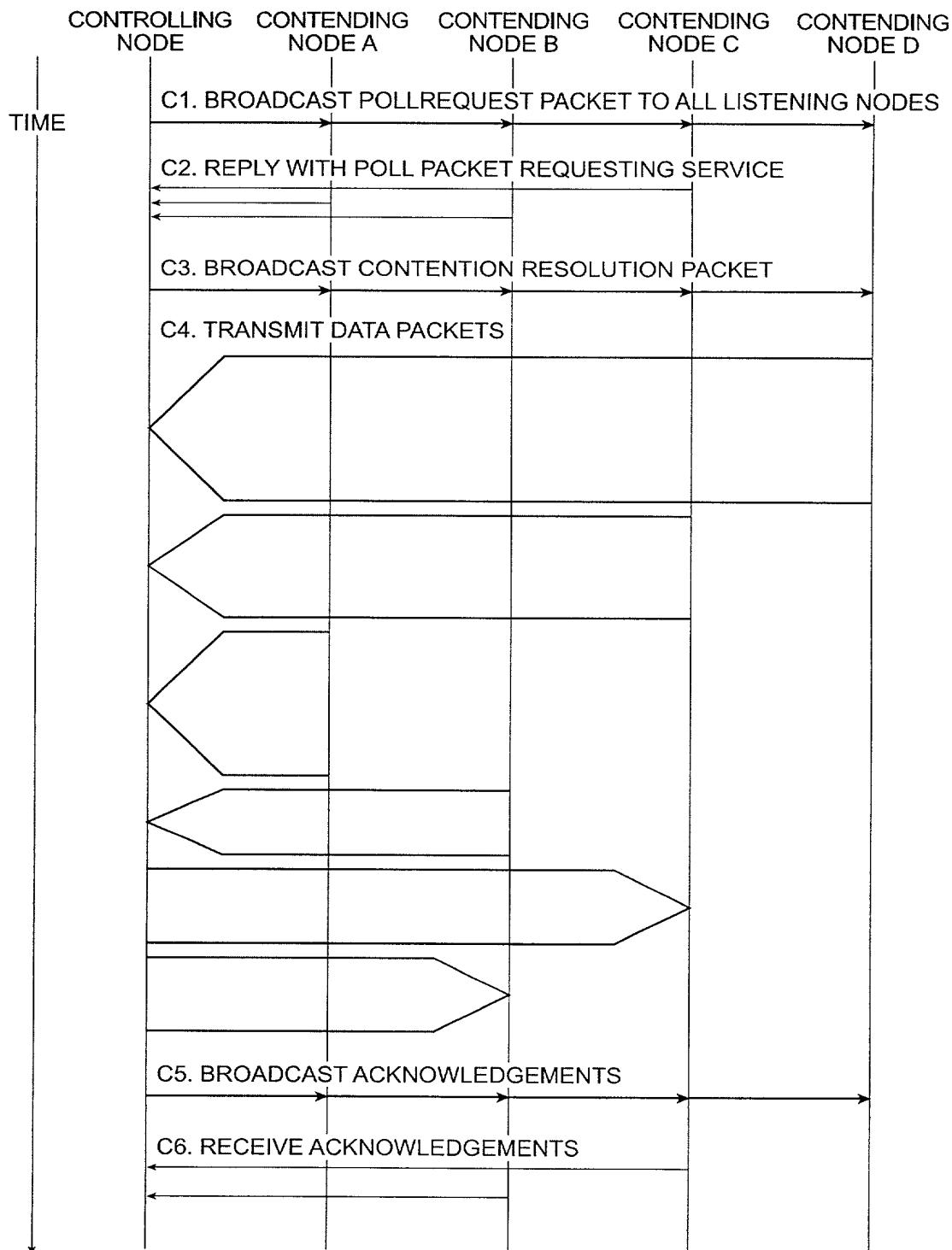


FIG. 2

BROADCAST POLLREQUEST PACKET

SOURCE MAC ADDRESS
NUMBER OF CONTENTION MINI-SLOTS
NUMBER OF RESERVED MINI-SLOTS
LOAD ADVERTISEMENT

FIG. 3A

POLL PACKET

DESTINATION MAC ADDRESS
SOURCE MAC ADDRESS
NUMBER OF CLASSES OF DATA
FIRST CLASS (PRIORITY) OF PACKETS
TOTAL AMOUNT OF DATA TO SEND
AMOUNT OF DATA TO SEND IN NEXT PACKET
SECOND CLASS (PRIORITY) OF PACKETS
TOTAL AMOUNT OF DATA TO SEND
AMOUNT OF DATA TO SEND IN NEXT PACKET
ETC. . .
LAST CLASS (PRIORITY) OF PACKETS
TOTAL AMOUNT OF DATA TO SEND
AMOUNT OF DATA TO SEND IN NEXT PACKET

↑
LIST OF
DATA
CLASSES

↑
REQUESTOR'S
FIRST
DATA CLASS

↓
REQUESTOR'S
SECOND
DATA CLASS

↓
ETC. . .

↑
REQUESTOR'S
LAST
DATA CLASS

FIG. 3B

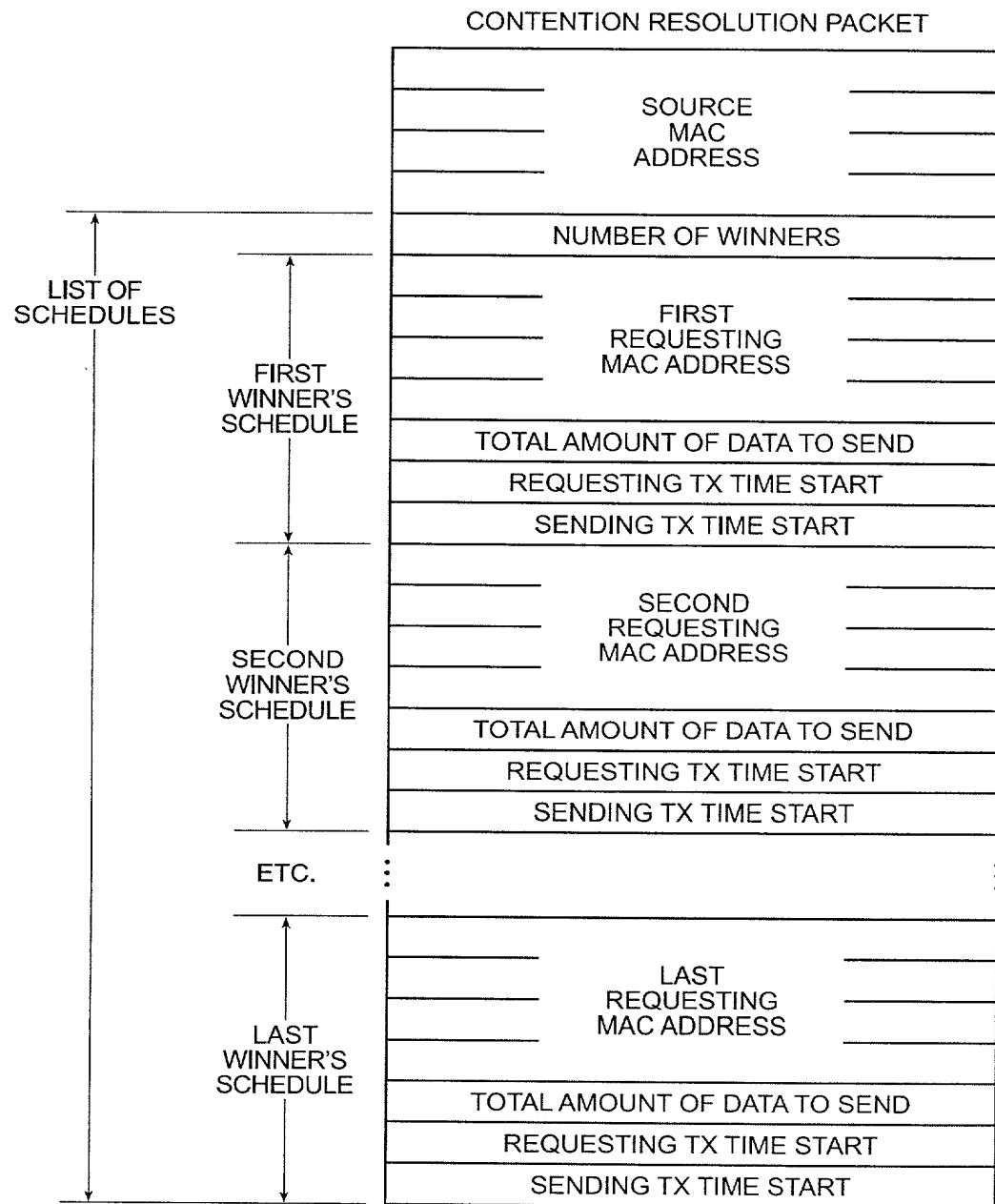


FIG. 3C

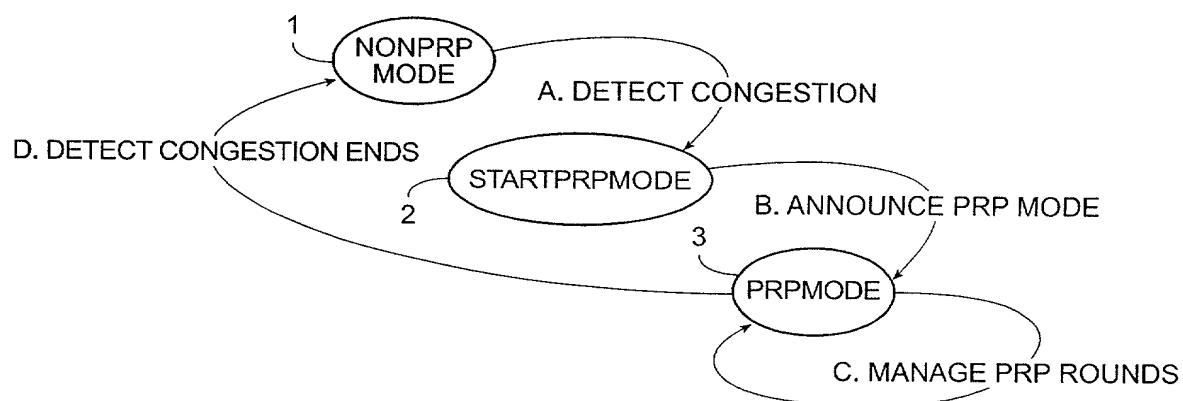


FIG. 4

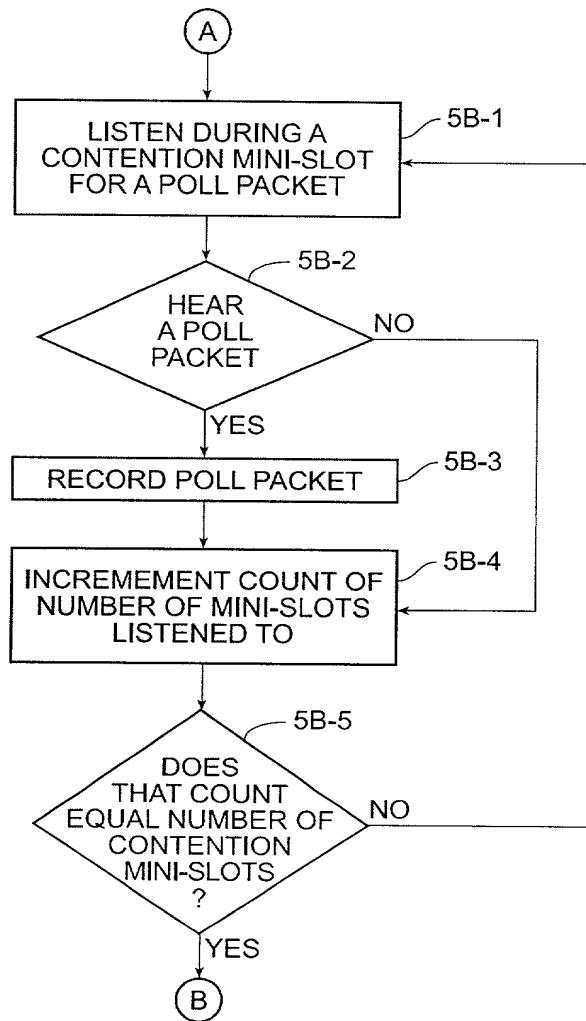


FIG. 5B

+

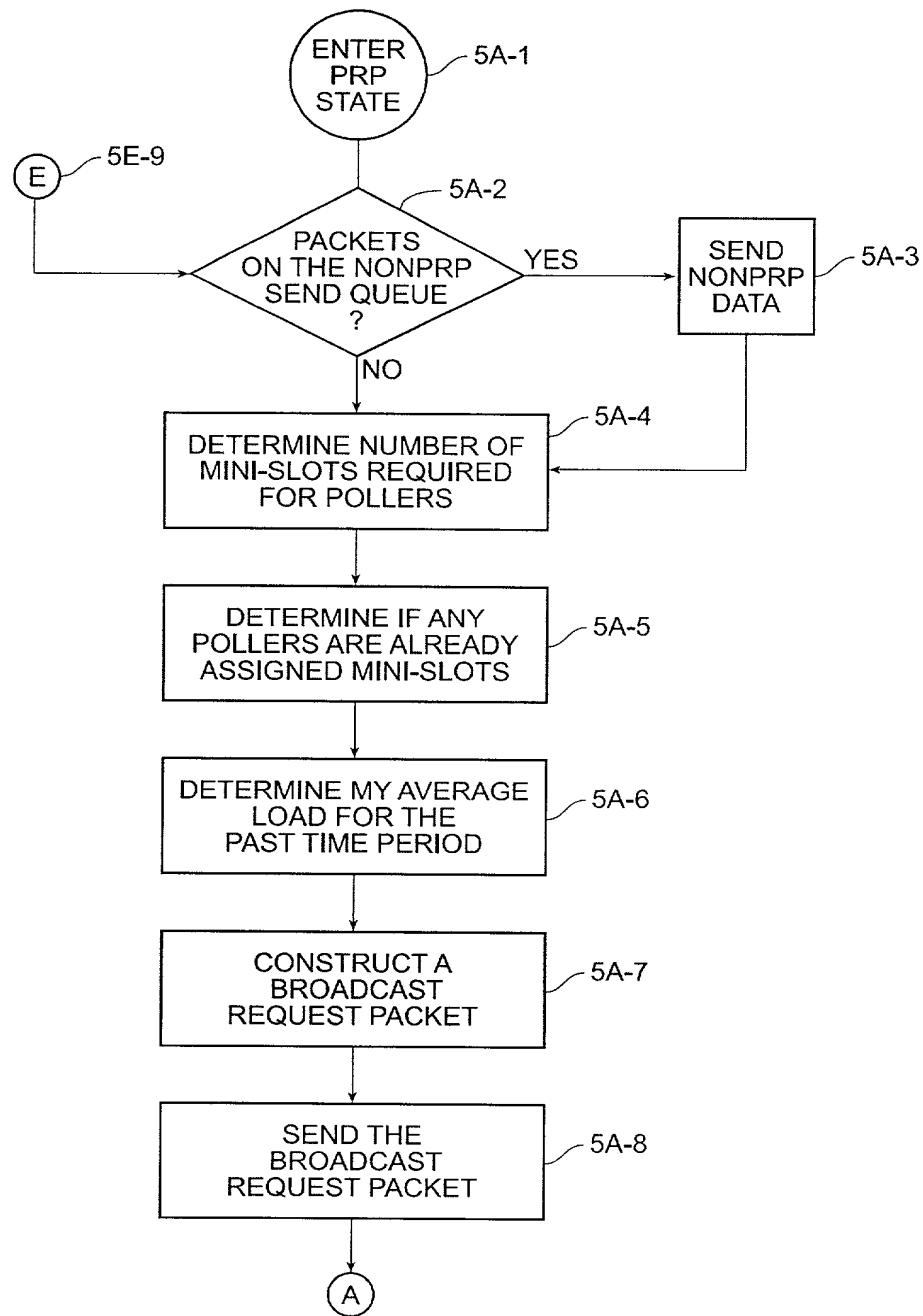


FIG. 5A

+

+

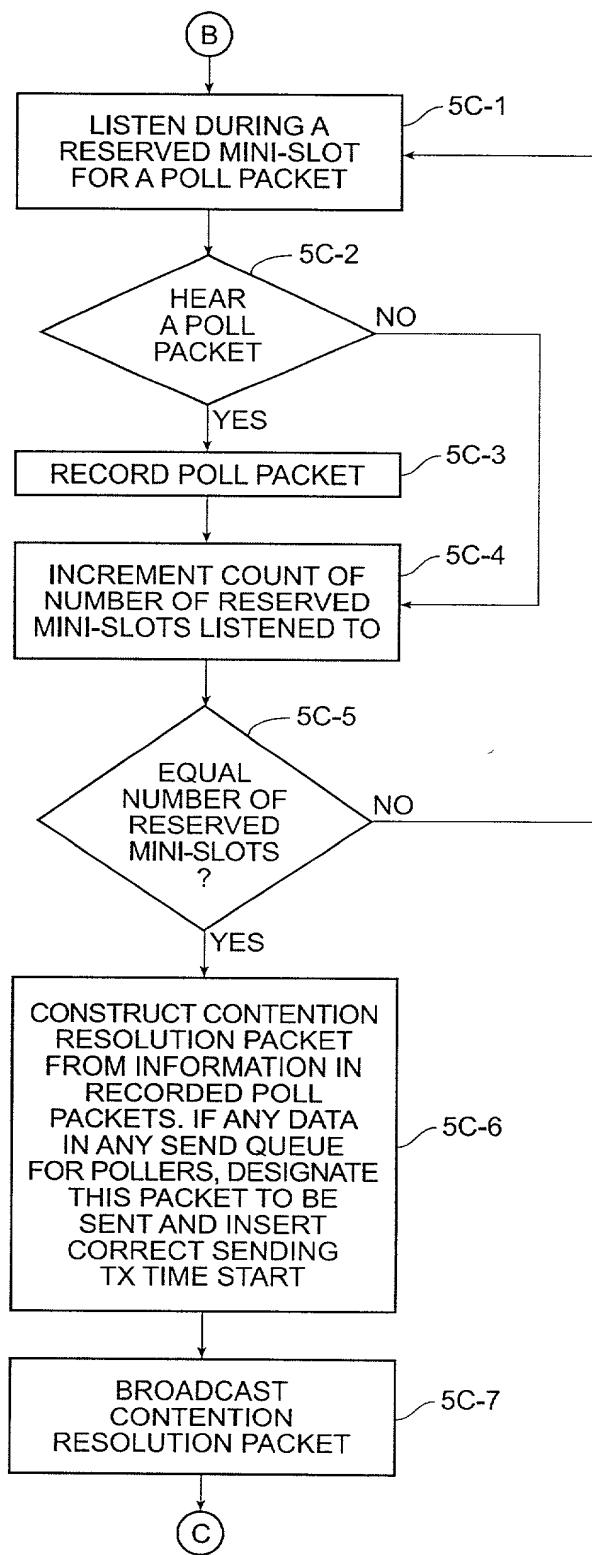


FIG. 5C

+

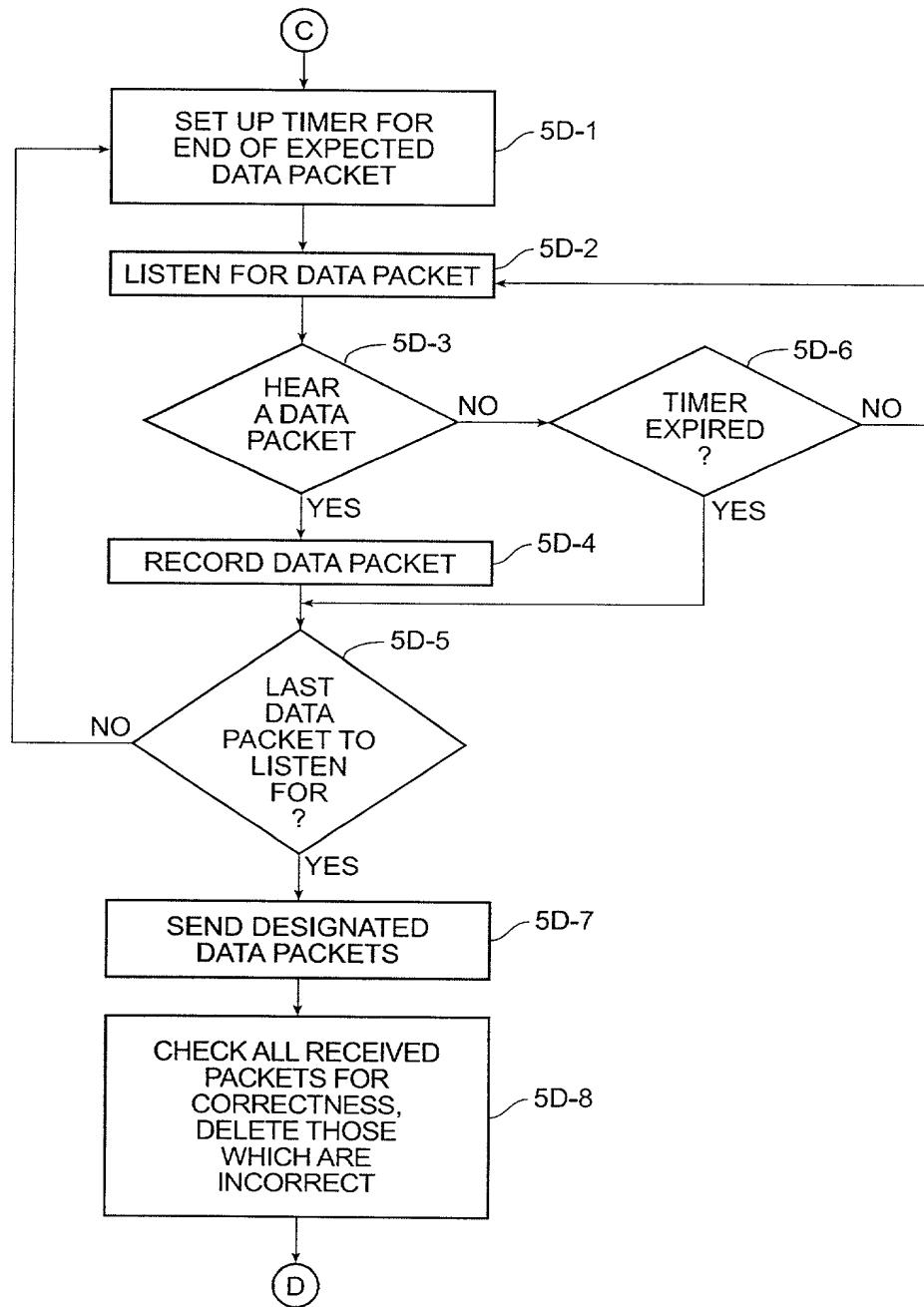


FIG. 5D

SEARCHED SERIALIZED INDEXED FILED

+

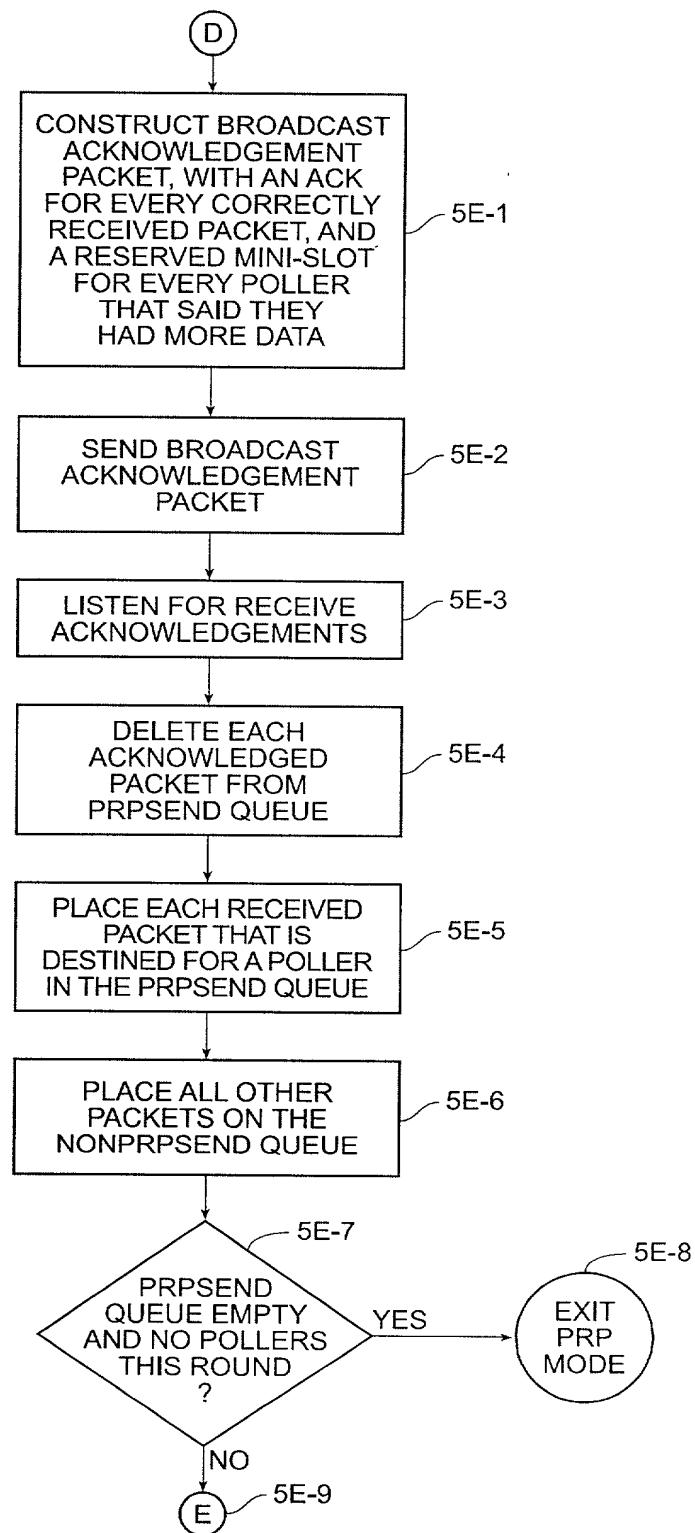


FIG. 5E

+

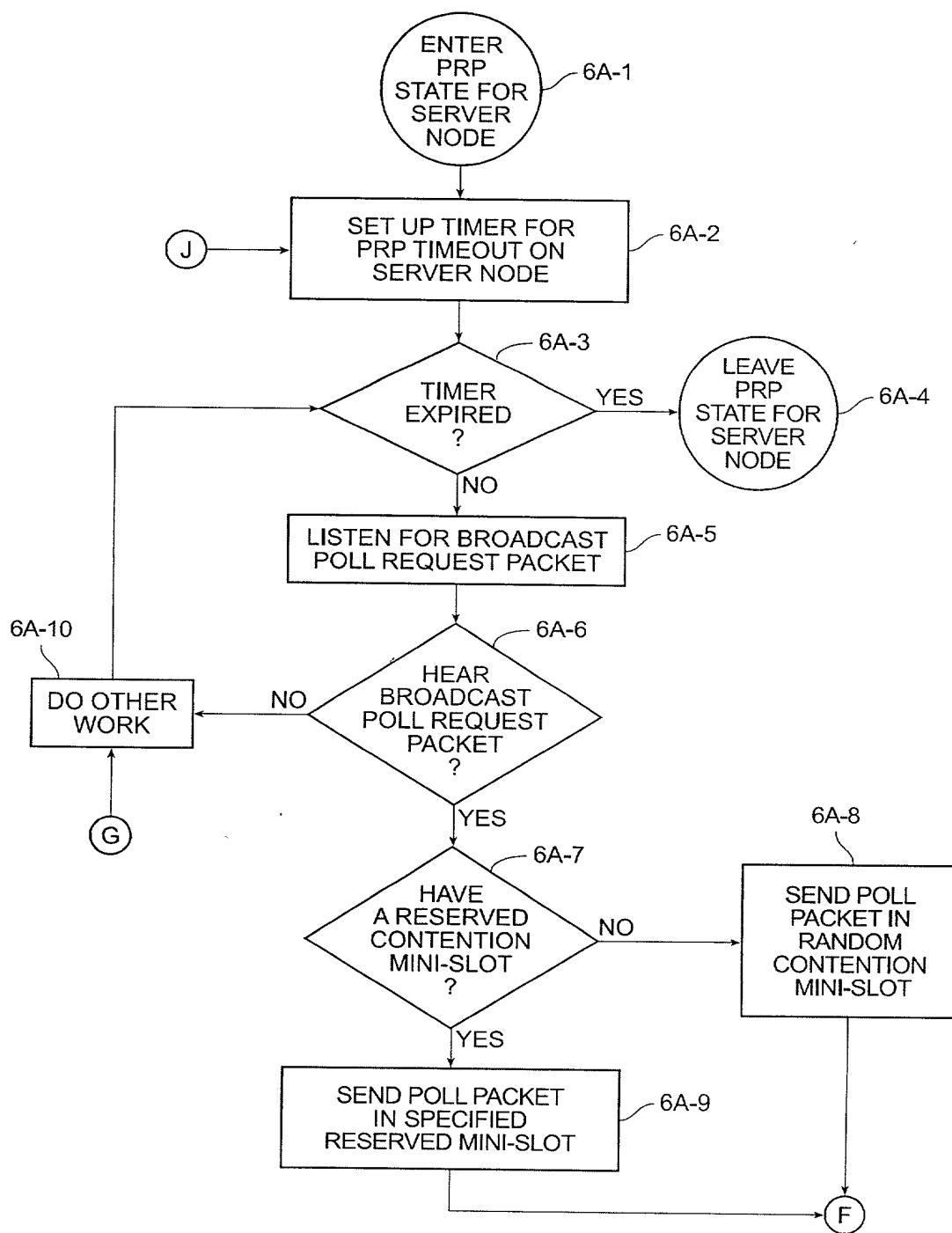


FIG. 6A

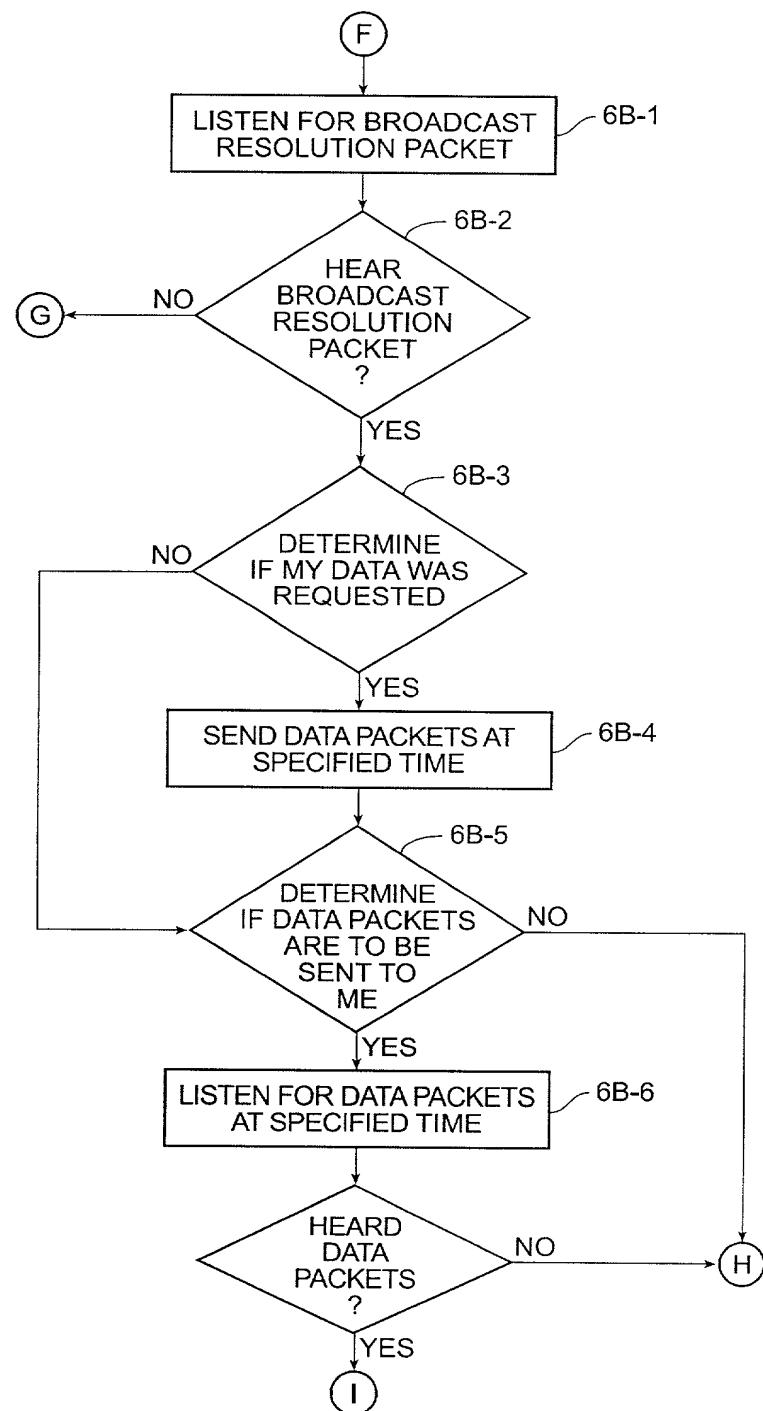


FIG. 6B

+

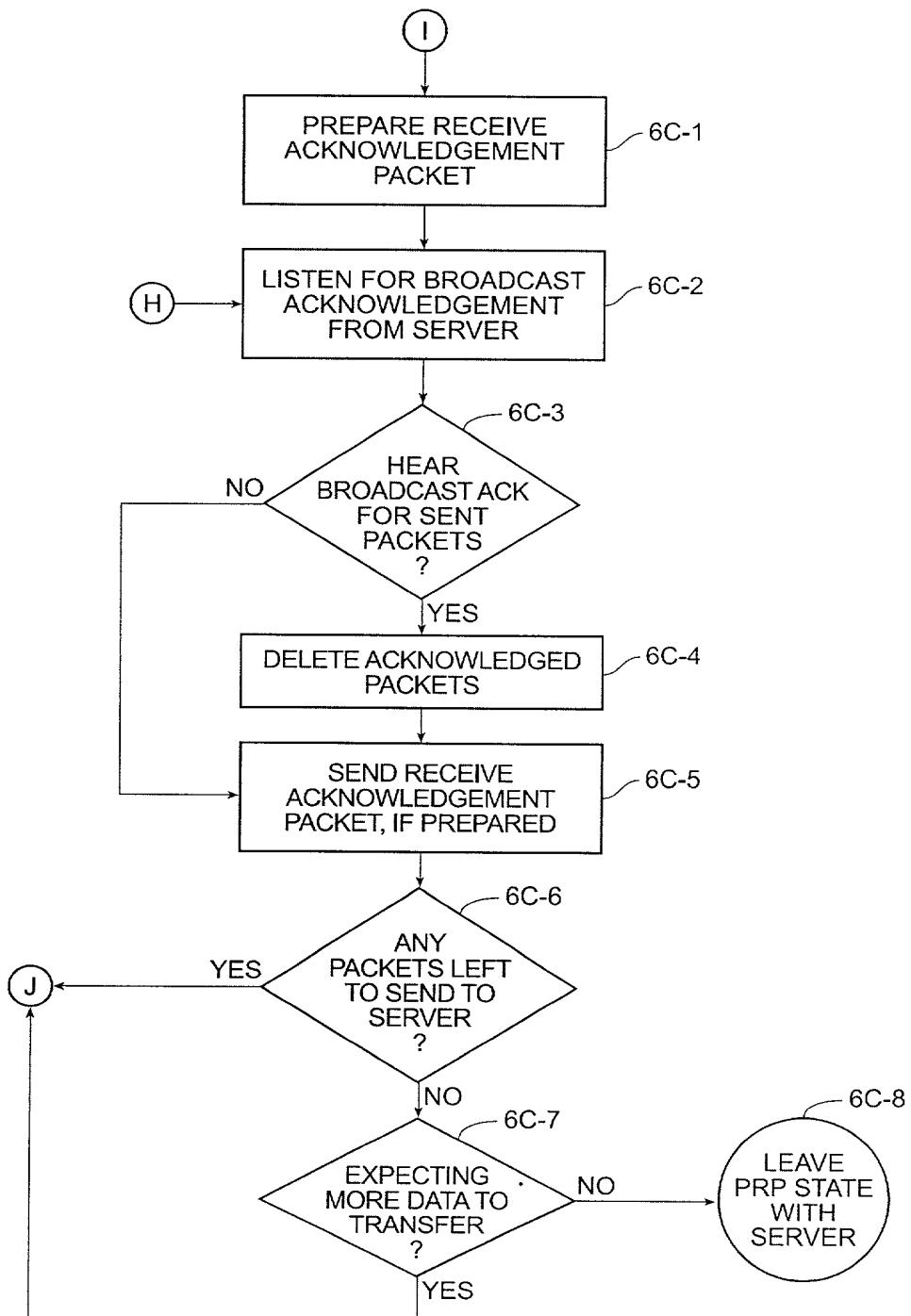


FIG. 6C

+